Aproper

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number:	10/529,169	
Source:	PCT	
Date Processed by STIC:	1-13-06	

ENTERED



PCT

RAW SEQUENCE LISTING DATE: 01/13/2006
PATENT APPLICATION: US/10/529,169 TIME: 11:13:38

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\01132006\J529169.raw

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4 <110> APPLICANT: LEE, Young-Min
      6 <120> TITLE OF INVENTION: Novel full-length genomic RNA for Japanese encephalitis
virus and
              infectious
      7
              JEV cDNA therefrom
      8
     10 <130> FILE REFERENCE: 2p-07-10B
C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/529,169
C--> 12 <141> CURRENT FILING DATE: 2005-03-24
     12 <160> NUMBER OF SEQ ID NOS: 48
     14 <170> SOFTWARE: KopatentIn 1.71
     16 <210> SEO ID NO: 1
     17 <211> LENGTH: 18
     18 <212> TYPE: DNA
     19 <213> ORGANISM: Artificial Sequence
     21 <220> FEATURE:
     22 <223> OTHER INFORMATION: primer J7, complementary to nt 3986-4003 of the JEV genome
     25 <400> SEQUENCE: 1
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     30 <211> LENGTH: 28
     31 <212> TYPE: DNA
     32 <213> ORGANISM: Artificial Sequence
     34 <220> FEATURE:
     35 <223> OTHER INFORMATION: primer J8, complementary to nt 1-18 of the JEV genome
     38 <400> SEQUENCE: 2
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     43 <211> LENGTH: 21
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     45 <213> ORGANISM: Artificial Sequence
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     48 <223> OTHER INFORMATION: primer J6, complementary to nt 3845-3865 of the JEV genome
     51 <400> SEQUENCE: 3
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     55 <210> SEQ ID NO: 4
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     57 <212> TYPE: DNA
     58 <213> ORGANISM: Artificial Sequence
     60 <220> FEATURE:
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68 <210> SEQ ID NO: 5 69 <211> LENGTH: 18 RAW SEQUENCE LISTING DATE: 01/13/2006
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71 <213> ORGANISM: Artificial Sequence
73 <220> FEATURE:
74 <223> OTHER INFORMATION: primer J20, complementary to nt 3266-3283 of the JEV genome
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81 <210> SEO ID NO: 6
82 <211> LENGTH: 21
83 <212> TYPE: DNA
84 <213> ORGANISM: Artificial Sequence
86 <220> FEATURE:
87 <223> OTHER INFORMATION: primer J1, complementary to nt 10947-10967 of the JEV genome
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94 <210> SEQ ID NO: 7
95 <211> LENGTH: 27
96 <212> TYPE: DNA
97 <213> ORGANISM: Artificial Sequence
99 <220> FEATURE:
100 <223> OTHER INFORMATION: primer J12, complementary to nt 7565-7582 of the JEV genome
103 <400> SEQUENCE: 7
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107 <210> SEQ ID NO: 8
108 <211> LENGTH: 24
109 <212> TYPE: DNA
110 <213> ORGANISM: Artificial Sequence
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120 <210> SEQ ID NO: 9
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122 <212> TYPE: DNA
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128 qqaqqqccq gtaaaaaccg ggctatcaat atgctgaaac gcggcctacc ccgcgtattc
                                                                              120
130 ccactagtgg gagtgaagag ggtagtaatg agcttgttgg acggcagagg accagtacgt
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132 ttcgtgctgg ctcttatcac gttcttcaag tttacagcat tagccccgac caaggcgctt
                                                                              240
                                                                              300
134 ttaqqccqat ggaaagcagt ggaaaagagt gtggcaatga aacatcttac tagtttcaaa
                                                                              360
136 cgagaacttg gaacactcat tgacgccgtg aacaagcggg gcagaaagca aaacaaaaga
138 qqaqqaaatq aaqgctcaat catgtggctc gcgagtttgg cagttgtcat agcttgtgta
                                                                              420
140 ggagccatga agttgtcaaa tttccaaggg aagcttttga tgaccattaa caacacggac
                                                                              480
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142 attqcaqacq tcatcqtgat tcctacctca aaaggagaga acagatgctg ggtccgggca
144 ategatgteg getacatgtg tgaggacact ateacgtacg aatgteetaa gettaceatg
                                                                              600
146 ggcaatgatc cagaggatgt ggattgctgg tgtgacaacc aagaagtcta cgtccaatat
                                                                              660
                                                                              720
148 qqacqqtqca cqcqqaccaq qcattccaaq cqaaqcagga ggtccgtgtc ggtccaaaca
150 catggggaga gttcactagt gaataaaaaa gaggcttggc tggattcaac gaaagccaca
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152 cqatatctca tqaaaactga qaactggatc ataaggaatc ctggctatgc tttcctggcg

840

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:	160	acaatcatgg	caaacgacaa	accaacattg	gacgtccgca	tgattaacat	cgaagccagc	1080
:	162	caacttgctg	aggtcagaag	ctattgctat	catgcttcag	tcactgacat	ctcgacggtg	1140
:	164	gctcggtgcc	ccacgactgg	agaagcccac	aacgagaagc	gagctgatag	tagctatgtg	1200
				tcgtgggtgg				1260
:	168	agcattgaca	catgtgcaaa	attctcctgc	accagtaagg	cgattgggag	aacaatccag	1320
:	170	ccagaaaaca	tcaaatacga	agttggcatt	tttgtgcatg	gaaccaccac	ctcggaaaac	1380
:	172	catgggaatt	attcagcgca	agtaggggcg	tcccaggcgg	caaagtttac	agtaacaccc	1440
:	174	aatgctcctt	cgataaccct	caaacttggt	gactacggag	aagtcacact	ggactgtgaa	1500
:	176	ccaaggagtg	gactgaacac	tgaagcgttt	tacgtcatga	ccgtggggtc	aaagtcattt	1560
:	178	ctggtccata	gggaatggtt	tcatgacctc	gctctcccct	ggacgtcccc	ttcgagcaca	1620
				cctcatggaa				1680
	182	gttgttgctc	ttgggtcaca	ggaaggaggc	ctccatcagg	cgctggcagg	agccatcgtg	1740
	184	gtggagtact	caagctcagt	gaagttaaca	tcaggccacc	tgaaatgtag	gctgaaaatg	1800
	186	gacaaactgg	ctctgaaagg	cacaacctat	ggcatgtgta	cagaaaaatt	ctcgttcgcg	1860
	188	aaaaatccgg	cggacactgg	ccacggaaca	gttgtcattg	aactctccta	ttctgggagt	1920
	190	gatggcccct	gcaaaattcc	gattgtctcc	gttgcgagcc	tcaatgacat	gacccccgtt	1980
	192	gggcggctgg	tgacagtgaa	ccccttcgtc	gcgacttcca	gtgccaactc	aaaggtgctg	2040
:	194	gtcgagatgg	aacccccctt	cggagactcc	tacatcgtag	ttggaagggg	agacaagcag	2100
	196	atcaaccacc	attggcataa	agctggaagc	acgctgggca	aggctttttc	aacaactttg	2160
:	198	aagggagctc	aaagactggc	agcgttgggc	gacacagcct	gggactttgg	ctctattgga	2220
				aaaggccgtt				2280
:	202	ctctttgggg	gaatgtcttg	gatcacacaa	gggttaatgg	gtgccctact	actctggatg	2340
:	204	ggcatcaacg	cacgagatcg	atcaattgct	ttggccttct	tggccacagg	aggtgtgctc	2400
				gcatgctgac				2460
				catcttcgtg				2520
:	210	tataaatatt	tgccagaaac	gcccagatcc	ctagcgaaga	tcgtccacaa	agcgcacaag	2580
:	212	gaaggcgtgt	gcggagtcag	atctgtcact	agactggagc	accaaatgtg	ggaagccgtg	2640
2	214	cgggacgaat	tgaacgtcct	gctcaaagag	aatgcagtgg	acctcagtgt	ggttgtgaac	2700
:	216	aagcccgtgg	ggagatatcg	ctcagcccca	aaacgcctgt	ccatgacgca	agagaagttt	2760
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				gtgtgatgga				3000
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				agaggtcaaa				3120
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2	232	agcaagcaca	atcggaggga	agggtacaaa	acacaaaacc	agggaccttg	ggacgaaaac	3240
				ttattgccca,				3300
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				tccgccccta				3420
				taggcatgat				3480
				tgaccctttt				3540
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				tgggggcatc				3660
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:	250	attgccgttt	ttaagatcca	accagctttt	ctagtgatga	acatgcttag	cacgagatgg	3780

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				tacagaatca			4020
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				tcgcccacca			4140
264	gtctgcaacc	caaacaagaa	gagagggtgg	ccagctactg	agtttctgtc	ggcagtcgga	4200
				gagttggata			4260
				tacgtagtgt			4320
				gagatggatg			4380
				ggagattttc			4440
				tcttgcattg			4500
276	tgggccattg	ttcccgccgc	tttcggttac	tggctcactt	taaaaacaac	aaaaagaggg	4560
				ccttgcttaa			4620
				ggcacctacc			4680
				acaactagag			4740
				gtgaaagaag			4800
				acagatgacg			4860
				aaaccaggag			4920
				cgaggaacat			4980
				aatggagttg			5040
				gaggaaccag			5100
				ttagatttgc			5160
				gcaatccagc			5220
				atggcagaag			5280
				caccaaggga			5340
				tcaccgaaca			5400
				ccagccagca			5460
				gccatcttta			5520
				ccaatccatg			5580
				atcacagaat			5640
				attgcaatgt			5700
				gacacagaat			5760
				tctgaaatgg			5820
				cccaccatct			5880
				agtgctagcg			5940
				gaataccatt			6000
				gcaaagatca			6060
				ccagagaggg			6120
				aaaaacttct			6180
				gcgtccaatg			6240
				gccatactgg			6300
				ctcaagccga			6360
				aaagactttg			6420
				cctgagcatt			6480
				gctgagaaag			6540
				accatcacac			6600
				cagcgaaagg			6660
348	ggagctctag	tgctcacgct	agctaccttc	ttcctgtggg	cggcagaggt	tcctggaacc	6720

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		ggaccctgct					6780
		ggtcacagac					6840
		tggtggcagc					6900
		ttggcggaaa					6960
		gtccagccac					7020
		agcacctgat					7080
		gctcattatt					7140
364	accgttggcc	tcgtcttcct	tggctgctgg	ggtcaaatca	ccctcacaac	gtttttgaca	7200
		tggcgacact					7260
		cccagagaag					7320
		ctgatgtgcc					7380
		tcctcatagg					7440
		aagcaggggt					7500
376	gccagtgccg	tttggaattc	caccacagcc	acgggactct	gccatgtcat	gcgaggtagc	7560
		gaggctctat					7620
						actaaatgcc .	
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		tccgttggct					7860
		gtgggcgtgg					7920
		gatacacgaa					7980
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		ccctgttctg					8100
		tacgcgtcct					8160
		aagttctctg					8220
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		ttagtggagc					8340
		ggcgaatgga					8400
		gcggaacaag					8460
		gaatccagaa					8520
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		tcgtcaacgg					8640
		ccatggccat					8700
		acacgaaagc					8760
		ggctgtgggc					8820
		taaagaaagt					8880
		gcacggcgcg					8940
		aaaaccatct					9000
		agaagcctgg					9060
		gagcacggta					9120
		gagagaattc					. 9180
		gtgacatagc					9240
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		tcatgagacc					9420
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442	gctgtccagc	tcgttaggct	gatggaggct	gagggggtca	ttgggccaca	acacttggaa	9540
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L:12 M:270 C: Current Application Number differs, Replaced Current Application No L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date